

# Hook Up Wire 600V



ELAND CABLES ©



Eland Product Group: **A2U**

## APPLICATION

For general purpose internal wiring of electronic and electrical equipment, where exposed to oil at a temperature not exceeding 60°C or 80°C. Uniform insulation thickness of wire to ensure easy stripping and cutting. Resistant to acids, alkalis, oils, moisture and fungi.

## CONSTRUCTION

### Conductor

Tinned or bare, stranded or solid copper

### Insulation

PVC (Polyvinyl Chloride)

## CABLE STANDARDS

UL 758, UL 1581, UL VW-1, CSA FT1



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

## CHARACTERISTICS

### Rating Voltage

600 V

### Temperature Rating

105°C

### Insulation Colour

● Black ● Blue ● Brown ● Green ● Grey ● Yellow ○ White  
● Violet ● Pink

## DIMENSIONS

ELAND PART NO.	COND. TYPE	CONDUCTOR			INSULATION		MAX RESISTANCE AT 20°C	MIN INSULATION RESISTANCE AT 20°C ohms/km	DIELECTRIC STRENGTH AC 1MIN V	STANDARD LENGTH Ft(M)
		SPEC AWG	NO. mm	NOMINAL DIAMETER mm	NOMINAL THICKNESS mm	OVERALL DIAMETER mm				
A2U30AWG600V**	Stranded Conductor	30	7/0.1	0.3	0.79	1.88±0.1	354.24	15	1500	2000 (610)
A2U28AWG600V**		28	7/0.127	0.38	0.79	1.96±0.1	223.75			
A2U26AWG600V**		26	7/0.16	0.48	0.79	2.06±0.1	136.73			
A2U24AWG600V**		24	11/0.16	0.61	0.79	2.19±0.1	93.3			
A2U22AWG600V**		22	17/0.16	0.76	0.79	2.34±0.1	55			
A2U20AWG600V**		20	26/0.16	0.94	0.79	2.52±0.1	34.6			
A2U18AWG600V**		18	41/0.16	1.18	0.79	2.76±0.1	21.8			1000 (305)
A2U16AWG600V**		16	26/0.254	1.49	0.79	3.07±0.1	13.7			
A2U14AWG600V**		14	41/0.254	1.88	0.79	3.46±0.1	8.62			
A2U12AWG600V**		12	65/0.254	2.37	0.79	3.95±0.1	5.43			
A2U10AWG600V**		10	105/0.254	3.4	0.79	4.98±0.1	3.41			
A2U10AWG600V**		10	49/0.37	3.38	0.79	4.96±0.1	3.41			
A2U08AWG600V**		8	168/0.254	4.3	1.15	6.6±0.2	2.16			327.86 (100)
A2U06AWG600V**		6	266/0.254	5.46	1.52	8.5±0.2	1.39			
A2U28AWG600V**	Solid Conductor	28	1/0.32	0.32	0.79	1.9±0.1	227.39	15	1500	2000 (610)
A2U26AWG600V**		26	1/0.404	0.404	0.79	1.98±0.1	142.79			
A2U24AWG600V**		24	1/0.511	0.511	0.79	2.09±0.1	89.39			
A2U22AWG600V**		22	1/0.813	0.643	0.79	2.22±0.1	54.3			
A2U20AWG600V**		20	1/1.29	0.813	0.79	2.39±0.1	33.9			
A2U18AWG600V**		18	1/1.024	1.024	0.79	2.6±0.1	21.4			
A2U16AWG600V**	16	1/1.29	1.29	0.79	2.87±0.1	13.5				